

IN THE CLAIMS:

Please amend the claims to read:

Claims 1-7. (Canceled)

8. (Withdrawn) The use of a mutated cell from a library according to claim [[6]] 29 to generate a non-human transgenic animal.

Claims 9-28. (Canceled)

29. (New) A library of cultured eucaryotic cells comprising at least two subpopulations of cells, wherein the at least two subpopulations of cells comprises

(a) a first subpopulation of cells, wherein cells of the first subpopulation have a first vector integrated nonspecifically into their genomes, wherein the first vector mediates the splicing of a foreign exon internal to a cellular transcript; and

(b) a second subpopulation of cells, wherein cells of the second subpopulation have a second vector integrated nonspecifically into their genomes, wherein the second vector mediates the splicing of a foreign exon 5' to an exon of a cellular transcript.

30. (New) The library of claim 29 wherein said cultured eucaryotic cells are animal cells.

31. (New) The library of claim 30 wherein said cultured eucaryotic cells are mammalian cells.

32. (New) The library of claim 31 wherein said cultured eucaryotic cells are rodent cells.

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33. (New) The library of claim 32 wherein said cultured eucaryotic cells are mouse cells.

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